

## **REMARKS**

No Claims have been amended.

No Claims have been cancelled by this amendment.

New Claims 28-30 have been added.

Claims 23-30 are currently pending in this application.

Claims 23, 24 and 28-30 are in independent format.

### **1. Comments**

New Claim 28 claims an embodiment of Applicants' invention wherein a calculated offset angle is obtained which is representative of an angle variation between an angle measurement acquired by a sensor coupled to the wheel rim and tire assembly, and an angle measurement acquired by a sensor coupled to the vehicle wheel hub assembly. This calculated offset angle is utilized to present measurements acquired with the sensor coupled to the vehicle wheel hub in such a manner so as to appear as if obtained by a sensor coupled to a wheel rim and tire assembly.

New Claim 28 is similar in many ways to allowed Claim 3 in the parent application.

New Claim 29 claims an embodiment of Applicants' invention wherein a calculated offset angle is obtained which is representative of an angle variation between an angle measurement acquired by a sensor coupled to the wheel rim and tire assembly and an angle measurement acquired by a sensor coupled to the vehicle wheel hub assembly. This offset angle is utilized to obtain a current representative measurement of the vehicle wheel alignment angle, which in turn, is utilized to facilitate guiding an operator in adjusting the alignment angle.

New Claim 29 is similar in many ways to allowed Claim 11 in the parent application.

Finally, new Claim 30 claims an embodiment of Applicants' invention wherein a calculated offset angle is obtained which is representative of an angle variation between an angle measurement acquired by a sensor coupled to the wheel rim and tire assembly and an angle measurement acquired by the sensor coupled to the vehicle wheel hub assembly. This offset angle is utilized to obtain a corrected measurement of the vehicle wheel alignment angle, which in turn, is compared with a specification value to identify a necessary alignment angle adjustment required to alter the alignment angle.

New Claim 30 is similar in many ways to allowed Claim 23 in the parent application.

Based on the foregoing, the allowance of Claims 23-30 is requested.

If for any reason the Examiner is unable to allow the application on the next Office Action and feels that an interview would be helpful to resolve any remaining issues, the Examiner is respectfully requested to contact the undersigned attorney for the purpose of arranging such an interview.

Respectfully submitted,



Mark E. Books, Reg. No. 40,918  
Polster, Lieder, Woodruff & Lucchesi, L.C.  
763 South New Ballas Road, Suite 230  
St. Louis, Missouri 63141  
Tel: (314) 872-8118  
Fax: (314) 991-2178  
[mbooks@patpro.com](mailto:mbooks@patpro.com)